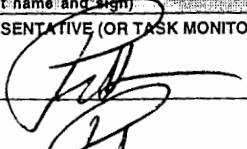



TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR		CONTRACT NO/TASK NO.		JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.		NAS5- 99124	TASK NO. 392	AMENDMENT	553-344-96-85-89 01
TASK TITLE: (NTE 80 characters; include Project name) Detector Development Laboratory Services					
APPROVALS: (Type or print name and sign)					
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)		DATE	ORG CODE	MAIL CODE	PHONE
P. Shu 		9/25/00	553	553	301-286-5191
BRANCH HEAD		DATE	CODE		PHONE
P. Shu 		9/25/00	553		301-286-5191
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)		DATE	CODE		PHONE
for Robert S. Lehair, Jr. Deborah A. Clark		9/26/00	560		301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)		CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.				(To be completed by Contracting Officer) C.O. Requested Quote on: Date:	
Contractor will develop specification or statement of work under this task for a future procurement.				<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Flight hardware will be shipped to GSFC for testing prior to final delivery.				<input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	
Government Furnished Property/Facilities:				<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)	
Onsite Performance:				<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES If yes: <input checked="" type="checkbox"/> TOTAL <input type="checkbox"/> PARTIAL If partial, indicate onsite work in SOW by asterisk (*)	
Surveillance Plan Attached:				<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Highlighted Contract Clauses:				(to be completed by Contracting Officer)	
INCENTIVE FEE STRUCTURE (check one) (See Contract NAS5-99124, Attachment K, Incentive Fee Plan)					
	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%
(To be completed by Contracting Officer)					
The target cost of this task order is \$_____.					
The target fee of this task order is \$_____.					
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$_____.					
The maximum fee is \$_____.					
The minimum fee is \$0.					
AUTHORIZED SIGNATURE:					
THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"					
SIGNATURE OF CONTRACTING OFFICER		DATE		TYPED NAME OF CONTRACTING OFFICER	
CONTRACTOR'S ACCEPTANCE:					
AUTHORIZED SIGNATURE		DATE			

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

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CONTRACT NO./TASK NO.

TASK NO.

AMENDMENT

QSS Group, Inc.

NAS5-

99124

392

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The purpose of this task is to provide technical services for Code 553, Detector Systems Branch at NASA/GSFC for the research and development of detectors for instruments and other applications.

The contractor shall provide technical services for the detector design, development, testing, and characterization. The contractor shall develop test and analysis software for testing the detectors and instruments and conduct integration and testing.

In addition, the contractor shall also provide services for the development of the associated test systems for the detectors and provide the operations and maintenance services for the Detector Development Laboratory (DDL).

PERFORMANCE SPECIFICATIONS:

Follow GSFC procedures for the operations of the Detector Development Laboratory.

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

None.

TASK END DATE: 9/30/01**MILESTONES/DELIVERABLES AND DATES:**

- | | |
|--------------------------------------------|----------------------------|
| 1. Develop MEMS arrays for NGST | 3/31/01 |
| 2. Develop TES arrays for Constellation-X | 3/31/01 |
| 3. Update DDAPS software | 4/30/01 |
| 4. Develop SOI JFETs | 6/30/01 |
| 5. Develop GaN CCD for UV camera | 7/30/01 |
| 6. DDL Operations and Maintenance services | thru 9/30/01 |
| 7. Technical Progress Report | Monthly; 15th of the month |

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the deliverables/milestones

Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

P. Shu, building 11, room E25